

REMARKS

The Office Action in the above-identified application has been carefully considered and this amendment has been presented to place this application in condition for allowance. Accordingly, reexamination and reconsideration of this application are respectfully requested.

Claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 are in the present application. It is submitted that claims 1–23, as originally presented, were patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. § 112. Changes to the claims as presented herein, are not submitted for the purpose of patentability within the meaning of 35 U.S.C. sections 101, 102, 103 or 112. Rather, these changes are submitted simply for clarification and to round out the scope of protection to which Applicants are entitled. Claims 2, 3, 5, 7, 9, 11, 12, 14, 16, 18, 19, 21, and 23 are cancelled.

Attached hereto as an Appendix entitled “Version with Markings Showing Changes Made,” is a marked-up version of the changes made to the claims by this Amendment.

Claims 1–23 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Aoyama et al. (U.S. Patent 5,364,270) in view of Lougheed et al. (U.S. Patent 5,686,690). However, the present invention “detect[s] motion vectors for a plurality of predetermined blocks within each frame of said image signal.” (Claims 1, 10, and 17) The present invention’s motion vectors are calculated based on detected movement between frames for predetermined pixel block areas. (Figure 3; Specification pages 7–9) Whereas, Aoyama simply reads motion information which is prestored with the video information. (Abstract) While Lougheed does disclose a detection

means, it does so by detecting changes in intensity between pixels. Lougheed does not calculate "motion vectors for a plurality of predetermined blocks," as in the present invention. Moreover, neither Aoyama nor Lougheed suggests a combination of their teachings. MPEP § 2143.01 Because Lougheed is in a non-analogous art field (weapon aiming systems), Applicants believe it would not have been obvious to combine the teachings of Lougheed and Aoyama. For at least these reasons, Aoyama and Lougheed fail to obviate the present invention and claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 should now be allowed.

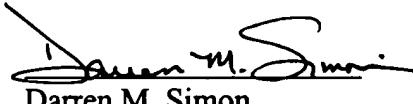
In view of the foregoing amendment and remarks, it is respectfully submitted that the application as now presented is in condition for allowance. Early and favorable reconsideration of the application are respectfully requested.

No additional fees are deemed to be required for the filing of this amendment, but if such are, the Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

If any issues remain, or if the Examiner has any further suggestions, he/she is invited to call the undersigned at the telephone number provided below. The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,  
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